

From glowbugs@theporch.com Sat Feb 17 16:12:02 1996
Return-Path: glowbugs@theporch.com
Received: from uro (localhost.theporch.com [127.0.0.1]) by uro.theporch.com
(8.7.3/AUX-3.1.1) with SMTP id QAA27931; Sat, 17 Feb 1996 16:03:04 -0600 (CST)
Date: Sat, 17 Feb 1996 16:03:04 -0600 (CST)
Message-Id: <199602172203.QAA27931@uro.theporch.com>
Errors-To: ws4s@midtenn.net
Reply-To: glowbugs@theporch.com
Originator: glowbugs@theporch.com
Sender: glowbugs@theporch.com
Precedence: bulk
From: glowbugs@theporch.com
To: Multiple recipients of list <glowbugs@theporch.com>
Subject: GLOWBUGS digest 108
X-Listprocessor-Version: 6.0c -- ListProcessor by Anastasios Kotsikonas
X-Comment: Please send list server requests to listproc@theporch.com
Status: 0

GLOWBUGS Digest 108

Topics covered in this issue include:

- 1) Plug-in coils -- latest version
by mjsilva@ix.netcom.com (michael silva)

Date: Sat, 17 Feb 1996 14:01:17 -0800
From: mjsilva@ix.netcom.com (michael silva)
To: glowbugs@theporch.com
Subject: Plug-in coils -- latest version
Message-ID: <199602172201.0AA25102@ix8.ix.netcom.com>

Thought I'd let everybody in on my latest attempts to come up with a good plug-in coil. I had been fooling around with 1" i.d. PVC and some octal bases from AES, but that required removing about half the diameter of the PVC for a quarter-inch so it would slip into the base -- too much work and not very pretty to boot. So yesterday I got some 1.25" i.d. PVC, which slips over the base with a bit to spare. I wedged the base into the PVC with flat toothpicks, snipped them off and pumped as much hot glue as I could into the space (oh yeah, first I roughed up the pipe and the base). At first I was going to use epoxy but I couldn't imagine any way to get it into the small space without making a mess of everything. The hot glue seems to be holding fine, and I'm going to shove some more slivers of it into the spaces from the top and heat-gun them until they all melt.

So now I've got a nice-sized (1.75" o.d.) coil form for about a buck.

Then I decided to get a little hi-tech fancy and wrote a quick Windows program to print out a winding template. Enter in the diameter, length of the winding area and number of turns and it prints out a strip of slightly diagonal lines which is taped onto the form. Finally I used my Dremel to make a little notch for each line, every 120 degrees around the form. Pull off the template and it's ready for winding.

One nice thing about using octal bases is that you can use the extra pins for jumpering in extra capacitance if you need it on the lower bands. One thing I need to do is try to figure out which pins are most commonly left off of octal tubes and not use those, so I'll be more likely to be able to use the bases off of any dead tubes that turn up.

Well, that's the report for today. Hope somebody finds it useful.

73,
Mike, KK6GM

End of GLOWBUGS Digest 108
